



171020340088



中国认可
国际互认
检测
TESTING
CNAS L6760

Test Report

Report No. HAPTX20040861

Page: 1 of 5

Applicant Shenzhen Greende New Material Tachnology Co.,Ltd
Address No.1 Dapohe Village,Gongming Steet,Guangming District,Shenzhen City

Sample Information

Sample Name Mask
Sample Brand GREEND、TELLTRY、品志 PINZHI
Sample Description Composition: Polyurethane 100%

*The information above is provided and confirmed by the applicant.

Sample Received Date Apr.21,2020

Testing Period Apr.21,2020 to Apr.23,2020

Testing Requested As per client's request,
(1)to determine the Content of Formaldehyde,pH value,Azo dyes,Color Fastness to Water,Color Fastness to Perspiration,Color Fastness to Crocking,Odor in the submitted sample according to FZ/T 73049-2014 qualified product,GB 18401-2010 B ;
(2)to determine the Polynuclear Aromatic Hydrocarbons (PAHs) in the submitted sample according to GB/T 28189-2011.

Testing Results Please refer to next page(s)

Signer: Paul. Chen

Authorized signatory



Date: Apr.24,2020

[Website of verification report: CNCA verification platform yz.cnca.cn](http://www.cnca.gov.cn)



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Remark Based on the sample, with reference to FZ/T 73049-2014 qualified product, GB 18401-2010 B, the test result in conformity with the requirements. Judged as follows:

No.	Testing Item(s)	Requirement	Testing method	Measured values	Determine		
1	Formaldehyde (mg/kg)	≤75	GB/T 2912.1-2009	ND	Pass		
2	pH value	4.0-8.5	GB/T 7573-2009	6.8	Pass		
3	Azo dyes (mg/kg) *	Disable (≤20)	GB/T 17592-2011	ND	Pass		
4	Color Fastness to Water /Grade	Color Change		GB/T 5713-2013	4-5	Pass	
		Color Staining	Polyester		≥3	4	Pass
			Cotton		4-5	Pass	
5	Color Fastness to Perspiration Acid /Grade	Color Change		GB/T 3922-2013	4-5	Pass	
		Color Staining	Polyester		≥3	4	Pass
			Cotton		4-5	Pass	
6	Color Fastness to Perspiration Alkali /Grade	Color Change		GB/T 3922-2013	4-5	Pass	
		Color Staining	Polyester		≥3	4	Pass
			Cotton		4-5	Pass	
7	Color Fastness to Crocking /Grade	Dry	Straight	GB/T 3920-2008	4-5	Pass	
			Crosswise		≥3	4-5	Pass
8	Odor	No Odor	GB 18401-2010 Pt 6.7	No odor	Pass		

- Note:
- (1) 1mg/kg=1ppm=0.0001%
 - (2) ND=Not Detected
 - (3) The MDL of formaldehyde is 16 mg/kg
 - (4) *Detection information see the test results
 - (5) FZ / T 73049-2014 is not within the scope of CMA and CNAS certification capabilities





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1. Determination of Azo dyes (unit: mg/kg)

Testing method With reference to GB/T 17592-2011. By GC-MS for measuring

Testing Item(s)	CAS No.	MDL	Limit	Results
4-aminobiphenyl	92-67-1	5	20	ND
benzidine	92-87-5	5	20	ND
4-chloro-o-toluidine	95-69-2	5	20	ND
2-naphthylamine	91-59-8	5	20	ND
o-aminoazotoluene	97-56-3	5	20	ND
p-chloroaniline	106-47-8	5	20	ND
2,4-diaminoanisole	615-05-4	5	20	ND
4,4'-diaminobiphenylmethane	101-77-9	5	20	ND
3,3'-dichlorobenzidine	91-94-1	5	20	ND
3,3'-dimethoxybenzidine	119-90-4	5	20	ND
3,3'-dimethylbenzidine	119-93-7	5	20	ND
3,3'-dimethyl-4,4'-diaminobiphenylmethane	838-88-0	5	20	ND
2-Methoxy-5-methylaniline(p-cresidine)	120-71-8	5	20	ND
4,4'-methylene-bis-(2-chloroaniline)	101-14-4	5	20	ND
4,4'-oxydianiline	101-80-4	5	20	ND
4,4'-thiodianiline	139-65-1	5	20	ND
o-toluidine	95-53-4	5	20	ND
2,4-toluyldiamine	95-80-7	5	20	ND
2,4,5-trimethylaniline	137-17-7	5	20	ND
o-anisidine	90-04-0	5	20	ND
5-nitro-o-toluidine	99-55-8	5	20	ND
4-aminoazobenzene	60-09-3	5	20	ND
2,4-xylidine	95-68-1	5	20	ND
2,6-xylidine	87-62-7	5	20	ND

Note: (1) 1mg/kg=1ppm=0.0001%
(2) MDL=Method Detection Limit
(3) ND=Not Detected (<MDL)

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2. Determination of Polynuclear Aromatic Hydrocarbons (PAHs) (unit: mg/kg)

Testing method With reference to GB/T 28189-2011. By GC-MS for measuring.

Testing Item(s)	MDL	Results
Naphthalene	0.1	ND
Acenaphthene	0.1	ND
Fluorene	0.1	ND
Phenanthrene	0.1	ND
Anthracene	0.1	ND
Pyrene	0.1	ND
Chrysene	0.1	ND
Acenaphthylene	0.1	ND
Fluoranthene	0.1	ND
Benzoyl (a) anthracene	0.1	ND
Benzo (a) pyrene	0.1	ND
Benzo (b) fluoranthene	0.1	ND
Benzo (k) fluoranthene	0.1	ND
Benzo (g, h, i) perlene	0.1	ND
Dibenzo (a, h) anthracene	0.1	ND
Indeno (1,2,3-c, d) pyrene	0.1	ND
The sum of 16 PAHs	—	ND

- Note:
- (1) 1mg/kg=1ppm=0.0001%
 - (2) MDL=Method Detection Limit
 - (3) ND=Not Detected (<MDL)
 - (4) “—”=Not Regulated





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Sample photo:



End of report

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测试报告

No. SZXEC2000003702 A01

日期: 2020年01月10日 第1页,共6页

深圳市绿德新材料科技有限公司
深圳市光明新区公明街道大坡河一号

本报告取代测试报告SZXEC2000003701

以下测试之样品是由申请者所提供及确认: 聚氨酯海绵口罩

SGS工作编号: RP19-027296 - SZ
客户参考信息: 品志PINZHI商标 GREEND 商标
样品接收日期: 2020年01月02日
测试周期: 2020年01月02日 - 2020年01月07日
测试要求: 根据客户要求测试
测试方法: 请参见下一页
测试结果: 请参见下一页

通标标准技术服务有限公司深圳分公司
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Kitty Xu 许丹萍
批准签署人



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测试报告

No. SZXEC2000003702 A01

日期: 2020年01月10日 第2页,共6页

测试结果:

测试样品描述:

样品编号	SGS样品ID	描述
SN1	SZX20-000037.001	黑色材料

备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = 方法检测限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863

测试方法: 参考IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015和IEC 62321-8:2017, 采用ICP-OES,UV-Vis和GC-MS进行分析.

测试项目	限值	单位	MDL	001
镉 (Cd)	100	mg/kg	2	ND
铅 (Pb)	1,000	mg/kg	2	ND
汞 (Hg)	1,000	mg/kg	2	ND
六价铬 (Cr(VI))	1,000	mg/kg	8	ND
多溴联苯之和(PBBs)	1,000	mg/kg	-	ND
一溴联苯	-	mg/kg	5	ND
二溴联苯	-	mg/kg	5	ND
三溴联苯	-	mg/kg	5	ND
四溴联苯	-	mg/kg	5	ND
五溴联苯	-	mg/kg	5	ND
六溴联苯	-	mg/kg	5	ND
七溴联苯	-	mg/kg	5	ND
八溴联苯	-	mg/kg	5	ND
九溴联苯	-	mg/kg	5	ND
十溴联苯	-	mg/kg	5	ND
多溴二苯醚之和(PBDEs)	1,000	mg/kg	-	ND
一溴二苯醚	-	mg/kg	5	ND
二溴二苯醚	-	mg/kg	5	ND
三溴二苯醚	-	mg/kg	5	ND
四溴二苯醚	-	mg/kg	5	ND
五溴二苯醚	-	mg/kg	5	ND



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测试报告

No. SZXEC2000003702 A01

日期: 2020年01月10日 第3页,共6页

测试项目	限值	单位	MDL	001
六溴二苯醚	-	mg/kg	5	ND
七溴二苯醚	-	mg/kg	5	ND
八溴二苯醚	-	mg/kg	5	ND
九溴二苯醚	-	mg/kg	5	ND
十溴二苯醚	-	mg/kg	5	ND
邻苯二甲酸二丁酯 (DBP)	1000	mg/kg	50	ND
邻苯二甲酸丁苄酯 (BBP)	1000	mg/kg	50	ND
邻苯二甲酸二(2-乙基己基)酯 (DEHP)	1000	mg/kg	50	ND
邻苯二甲酸二异丁酯 (DIBP)	1000	mg/kg	50	ND

备注:

(1)最大允许极限值引用自RoHS指令(EU) 2015/863。

IEC 62321系列等同于 EN 62321 系列

https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25

(2)2021年7月22号开始, DEHP, BBP, DBP 和 DIBP的限制适用于医疗器械, 包括体外医疗器械, 监控仪表, 包括工业监测和控制仪器。

(3)DEHP, BBP, DBP 和 DIBP的限制不适用于玩具产品, 因为No.1907/2006附录XVII第51条已对玩具产品中的DEHP, BBP, DBP 和 DIBP含量进行了限制。

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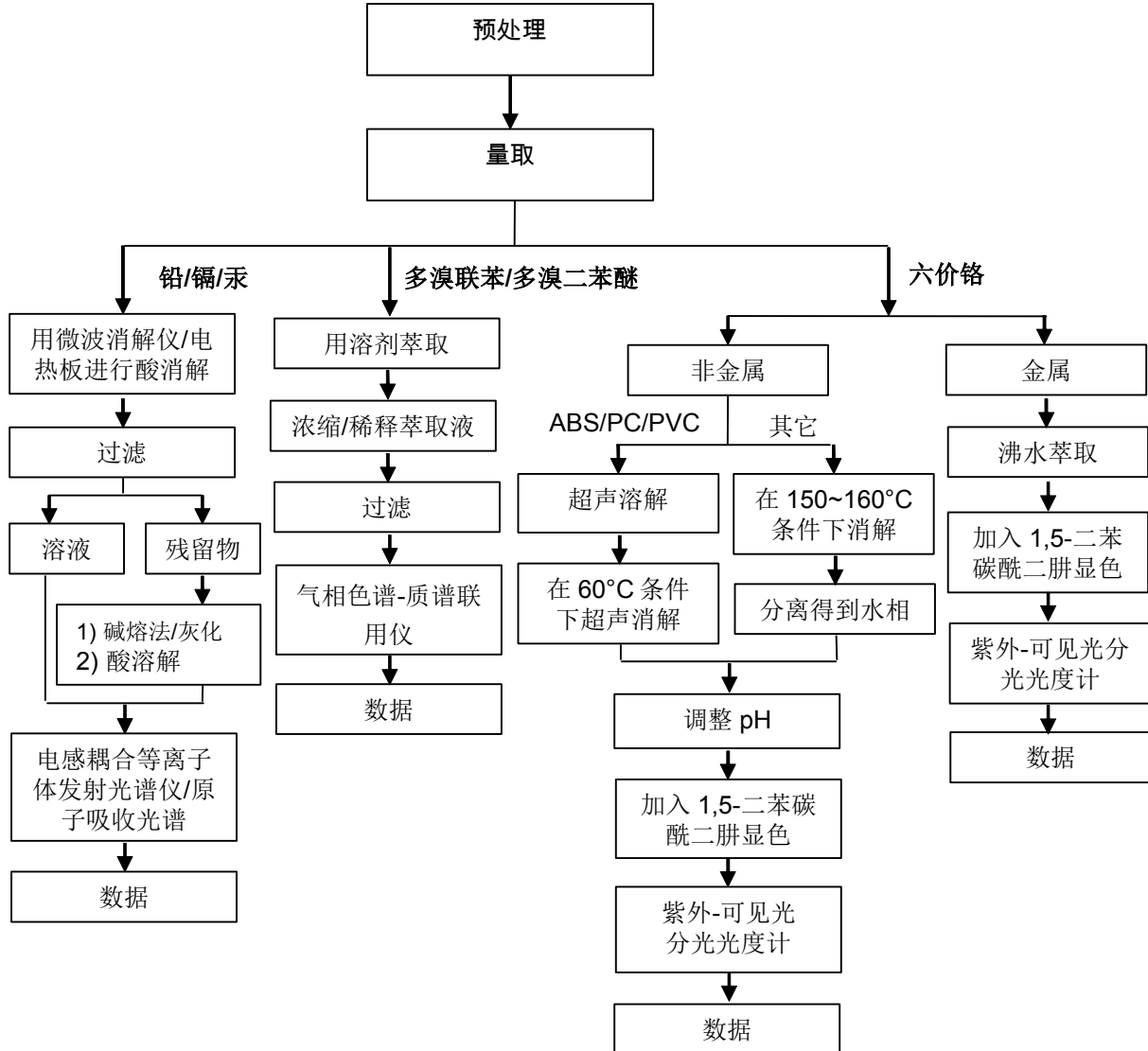
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Shenzhen Branch Inspection & Testing Laboratory

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附件

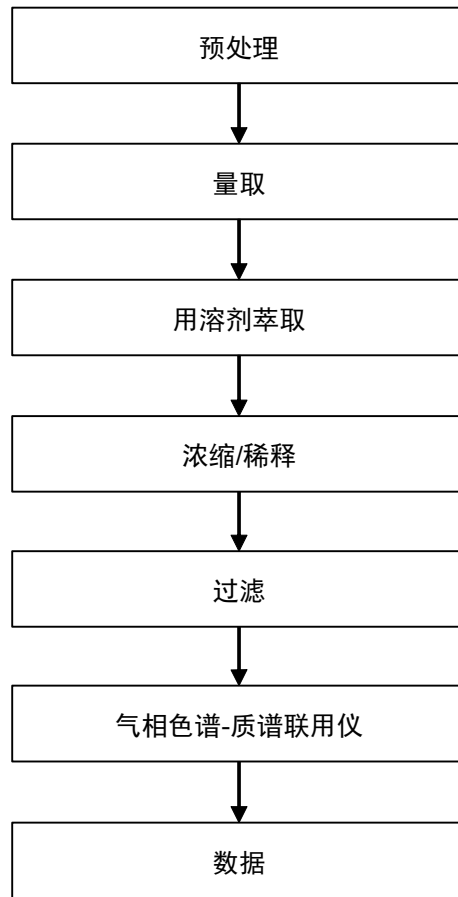
Pb/Cd/Hg/Cr⁶⁺/PBBs/PBDEs 测试流程图

1) 样品按照下述流程被完全消解（六价铬和多溴联苯/多溴二苯醚测试除外）。



附件

Phthalates 测试流程图



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